

1 **51681/FLC/S673**

ABSTRACT OF THE DISCLOSURE

5 A searchable archiving system. A searchable archiving
system includes one or more compacted files of archive data
loosely coupled to a search process. To create a compacted
file, an archiving process tokenizes the archive data,
optimizes the tokenized archive data, and extracts archive
10 metadata from the tokenized data. The tokenized data may then
be compressed in a variety of ways into compressed segments
that may be individually accessed and decompressed by the
search agents. Before compression, segment metadata is
extracted from the segments. The compressed segments and
segment metadata are then combined to create a compacted file.
15 The search process accesses the compacted files by consulting
locally stored archive metadata extracted from the files
during the compaction process. The search process then
invokes one or more search agents that actively search the
compacted files. The search agents do so by using the segment
20 metadata to identify segments to decompress and search.

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